

19980404.qrp v01_n050.qrs.980404

Date: Sat, 4 Apr 1998 19:04:39 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1050

QRP-L Digest 1050

Topics covered in this issue include:

- 1) [7529] KD5CKP bounced mail
by wj5o@juno.com (William H. Hays)
- 2) [7530] Re: [7491] Re: portable vertical antennas
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 3) [7531] (no subject)
by DENNIS MO <DENNISMO@aol.com>
- 4) [7532] K2 UPDATE...& see you Sunday!
by "L.Svec,W.Burdick" <svecbrdk@well.com>
- 5) [7533] Re: (no subject)
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 6) [7534] FS- 2 unbuilt 38S Kits
by ka7you@juno.com
- 7) [7535] 1) quotes 2) inductor colors/test
by "rohre" <rohre@arlut.utexas.edu>
- 8) [7536] Re: Think before you <quote
by mwattcpa@earthlink.net (Marty Watt)
- 9) [7537] Re: (no subject)
by RangerSF5 <RangerSF5@aol.com>
- 10) [7538] ELMER 101: 40+ #4 JUST ARRIVED!
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 11) [7539] Re>Help - coax RG58 /U, 58 A/U or 58 C/U
by herr@ridgecrest.ca.us (Michael Herr)
- 12) [7540] FS unbuilt Heathkit device
by ges@praxis.ppco.com (Glen Stockton K5UP)
- 13) [7541] N2Y Special Event Brooklyn QRP Club
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 14) [7542] Apartment Dweller 01
by peacemkr <peacemkr@wcc.net>
- 15) [7543] RE:Apartment Dweller 01
by peacemkr <peacemkr@wcc.net>
- 16) [7544] Bug Parts....
by Monte Stark <ku7y@dri.edu>
- 17) [7545] Re: 2N2222's (fwd) from Arnie Coro
by Paul Harden <na5n@rt66.com>
- 18) [7546] Another Spectrum Analyzer/Scope Adapter
by ka7you@juno.com
- 19) [7547] notes on Yagi matches

- by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 20) [7548] (no subject)
by Greg & Rosemarie Gryckiewicz <rfg@acsu.buffalo.edu>
- 21) [7549] Xtal Filter caps MFJ90xx/RadioKit QRPxx
by "KA5T Larry Wise" <lewise@inetport.com>
- 22) [7550] Re: Apartment Dweller 01
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 23) [7551] OX3FV QRP
by Zack Lau <zlau@arrl.org>
- 24) [7552] Free Xtals
by Bill Marsh <k3as@dol.net>
- 25) [7553] Re: Jack, KB1CW
by mwattcpa@earthlink.net (Marty Watt)
- 26) [7554] Foxhunt Comments de KA8OKH
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 27) [7555] 'Cobra' antenna?
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
- 28) [7556] Slanted X-Beam Ant?
by Bill Meara <wmeara@erols.com>
- 29) [7557] 85 RF Probe Test
by Rick McNelly <72507.235@compuserve.com>
- 30) [7558] FS: Kenwood TS-130 V
by n5duq@juno.com (Burl A. Keeton)
- 31) [7559] Spirit rig
by tom whalen <whalen@swcp.com>
- 32) [7560] 'scope manual
by Bruce Rattray <rattray@gpfn.sk.ca>
- 33) [7561] Re: Xtal Filter caps MFJ90xx/RadioKit QRPxx
by "edwin a. crowell" <w5twr@rconnect.com>
- 34) [7562] Radio Shack Speaker Mic
by RangerSF5 <RangerSF5@aol.com>
- 35) [7563] 30meter activity
by "Tom Whiteside" <n5tw@igg-tx.net>
- 36) [7564] RS speaker mic
by RangerSF5 <RangerSF5@aol.com>
- 37) [7565] tks info AADE
by dave_epps@juno.com
- 38) [7566] 38S Output tank
by B1ljohn <B1ljohn@aol.com>
- 39) [7567] Ten Tec Kits
by Dan Dobson <ddobson@iei.net>

Date: Fri, 3 Apr 1998 17:51:15 cst
From: wj5o@juno.com (William H. Hays)
To: TENTEN-L@Lehigh.EDU, QRP-L@Lehigh.EDU
Subject: [7529] KD5CKP bounced mail

Message-ID: <19980403.175119.4910.0.WJ50@juno.com>

Please pardon the use of the reflector--- TIM, Ur address at Bellsouth bounces ur messages.
73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 3 Apr 1998 16:30:11 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: edl@pacbell.net
Cc: ox3fv@greenet.gl, qrp-1@Lehigh.EDU
Subject: [7530] Re: [7491] Re: portable vertical antennas
Message-ID: <199804040030.QAA20493@netcom13.netcom.com>

I saw this at Pickett's Lock, outside London, last month. It was very impressive. He also sells smaller sections for extending a loop horizontally, and demonstrates it with a small yagi at the top for UHF/VHF operators. I also considered bringing one home, but was already lumbered with enough stuff.

They have a UK dealer, but I can't locate the information right now, and also told me they were going to be at Dayton.

73, doug

Date: Fri, 03 Apr 1998 07:46:02 -0800
From: Elliott Lawrence <edl@pacbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

I saw the telescoping fiberglass mast last fall at the radio rally in Leischester, England. It really was neat and I thought about buying one and carrying on with my hand luggage. They were asking about 50 pounds/\$80US. Decided that I would not drag it around. It is made by some DLs.

They said they would be at Dayton this year. Unfortunately I won't be attending. Look for it. Wish I had bought one! Hope they decide to market it in the US.

72
Elliott WA6TLA

Kim Andersen wrote:

>
> Hi
>
> I use a 30 ft fiberglass rod as a antenna mast. It is telescopic, and is
> about 5 feet when packed together.
>
> I have used many antennas with it: 40m dipole, 40m deltalooop, and now a 2 x
> 5.30m vertical dipole.
>

Date: Fri, 3 Apr 1998 19:52:44 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [7531] (no subject)
Message-ID: <ba1d6485.35258461@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Gang -

I am seriously considering dumping AOL in favor of another provider. The=0Abiggist problem I'm having with AOL is that every few minutes a little=0Amsg.=0Apops up telling me that I have been idle too long and wants to kn=0Aow if I want=0Ato remain on-line - even if I'm just writting an e-mail. =0AIf I don't respond=0Ato this msg. by clicking [Yes] AOL disconnects me. =0AI have lost dozens of E-=0Amails because of this - If I have to leave my=0Aoffice for a few minutes or=0Areceive a phone call that I can't put off =0Aand I have several e-mails from=0Athis list marked as already read but w=0Aould like to save or respond to them -=0Athe system might dump me if I do=0An't catch the "dooms-day" msg. and e-mails=0Amarked read are deleted. T=0Ahe latest "loss", which prompted this e-mail, wasa=0Athe practice Extra C=0Alass exam I was taking on-line. I turned away from the PC=0Ascreen to us=0Ae my calculator to work out a math problem and bang! I was dumped=0Aagain=0Alosing my test and its results. Not a big deal - I will be taking=0Aseveral more test before I actually take the exam but that was the "last=0Astraw" No mas...!

Do other providers do the same thing? Maybe some of you folks that have=0Aused=0AAOL and now use a different service could e-mail me directly and =0Atell me how=0Ayour present service compares to AOL so that I can make an =0Ainformed decision.

Thanks

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ

FISTS # 4570 / QRP-L # 1359

10-X # 69158

PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W=A0=A0=A0

Grid: DM04BK

WEB PAGE: <http://member.aol.com/dennismo>

Date: Fri, 3 Apr 1998 16:57:02 -0800
From: "L.Svec,W.Burdick" <svecbrdk@well.com>
To: qrp-l@Lehigh.EDU
Cc: erics@elecraft.com
Subject: [7532] K2 UPDATE...& see you Sunday!
Message-ID: <v03102800b14b332543e1@[206.169.227.84]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

The K2 is shaping up nicely. We just got the enclosures for the prototypes so we'll have what actually looks and works like a radio at the NorCal meeting. The case will be unpainted and unlabelled, but we'll have color drawings to show what the finish will look like.

Eric, WA6HHQ and I have what you might call a "long-distance" relationship :) We collaborate on the design via phone and internet, then meet for lunch about once every two weeks to exchange parts and show off parts of the circuit that we just got working. Eric started at the antenna and has been working back towards the transmit mixer; I started with the receiver and control circuits and have been working toward the transmitter. Sometime around midnight on Saturday we expect to meet in the middle, then fire up the rigs and have the first K2-to-K2 QSO.

Of course we're both married so this schedule is subject to change without notice :)

Eric just bought a digital camera, so we'll post some photos of the prototype after the meeting. Looking forward to your questions and comments.

73,
Wayne
n6kr@elecraft.com

Date: Tue, 03 Mar 1998 17:52:31 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7533] Re: (no subject)
Message-ID: <34FCB3DF.2A4616CE@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dennis,

I don't have AOL, and I don't care to use their service, but that is another matter. I had the same problem as you. I don't know about AOL, but my browser allows you to turn on/off a switch that prevents that message from running. I use Netscape 4.04. Good luck.

--

Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

DENNIS MO wrote:

> Hi Gang -

>

> I am seriously considering dumping AOL in favor of another provider. The
> biggest problem I'm having with AOL is that every few minutes a little msg.
> pops up telling me that I have been idle too long and wants to know if I want
> to remain on-line - even if I'm just writting an e-mail. If I don't respond
> to this msg. by clicking [Yes] AOL disconnects me. I have lost dozens of E-
> mails because of this - If I have to leave my office for a few minutes or
> receive a phone call that I can't put off and I have several e-mails from

> this list marked as already read but would like to save or respond to them -
> the system might dump me if I don't catch the "dooms-day" msg. and e-mails
> marked read are deleted. The latest "loss", which prompted this e-mail, was a
> the practice Extra Class exam I was taking on-line. I turned away from the PC
> screen to use my calculator to work out a math problem and bang! I was dumped
> again losing my test and its results. Not a big deal - I will be taking
> several more test before I actually take the exam but that was the "last
> straw" No mas...!
>
> Do other providers do the same thing? Maybe some of you folks that have used
> AOL and now use a different service could e-mail me directly and tell me how
> your present service compares to AOL so that I can make an informed decision.
>
> Thanks

> 73's es 72's de Denny / KF6NJQ
>
> Denny / KF6NJQ
> FISTS # 4570 / QRP-L # 1359
> 10-X # 69158
> PROMISE KEEPER
>
> HAMing It Up Everyday In Goleta, CA
>
> Section: Santa Barbara
> Long: 34.437 N Lat: 119.868 W
> Grid: DM04BK
> WEB PAGE: <http://member.aol.com/dennismo>

Date: Fri, 03 Apr 1998 21:22:19 EST
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [7534] FS- 2 unbuilt 38S Kits
Message-ID: <19980403.183348.13287.3.KA7YOU@juno.com>

I have decided to sell my unbuilt 38S kits. I have too many other projects that require my time, and already have

two other great rigs for 30M. A roll of the dice will determine the new owners, after I have several requests.

The first kit includes the parts for the 5 watt, and RIT mods (including a couple of extra inductor values), and TICK keyer chip. \$45 shipped CONUS

The second kit is stock, with no mod parts included. \$35 shipped CONUS

I will also toss into each package, a couple of useful items and maybe even a couple of useless one from the junk box, just to add interest.

This won't buy me a new rig, but it will buy me some bench space, and remove some guilt. :>)

It is about 6:30PM PST friday. I'll probably be able to make a decision by this time tomorrow night.

7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: 3 Apr 1998 20:27:48 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [7535] 1) quotes 2) inductor colors/test
Message-ID: <n1320487201.19963@msmailgw1.arlut.utexas.edu>

1) I want to add my pleas to those of Mel and others, don't requote entire messages. Are you doing that on the air as well in a QSO? I'll bet NOT.

Really adds QRM to the digest versions; made the last one 102K in size! Good point about virus warnings too, as someone here just said in our Computer Newsletter, don't EVER forward any message that says send this message on (or Warn) everyone you know! Most are hoaxes and urban legends. There is a web site to tell you if it is; if in doubt. That also goes for the charity scams where you are asked to send email to some organization and they will donate money as well. Enuf said.

2) I did not see the person get an answer, who asked about finding inductors of a certain color to replace one in a kit he was restoring or changing to another band. But the gist was did anyone know if the inductor of a certain color was the same as other inductors of that color he might find?

Well, there is no standard for color of doughnut cores unless you know who

manufactured them. That goes for ferrite or iron cores. And this is also true for solenoid coils, and IF can inductors.

Only if the color is part of a dot or band system MIGHT it be a standard. Even those on chokes are problematical unless again you know who made it.

Don't rely on the paint on the end of the slug of a can, unless the can is marked with same manufacturer as the one you are trying to match.

And worse, I find some of the colors do not show true hue when placed on a colored body RF choke. These are the molded body ones, such as the green ones. Colors like grey or blue, red or brown can be confusing against the background color, because they are put on as narrow bands. The halogen light and magnifier come in handy then!

The other issues on inductors is to match the Q of the application you have. An RF choke inductor might not be the best choice to use as the final coil in a transmitter for example, as usually the transmitter uses a high Q coil or inductor, and the RF choke might be broader in its Q curve, and might be multiple layers, lowering its Q factor. Of course, the power handling by a certain inductor could be an issue these days. The replacement probably needs to be about the same volume, to carry the same power.

It's good have something to measure inductance. That is a nice feature of the Autek HF antenna analyzer I have. But for Q estimation, you use a grid dip meter, and if you got a sharp dip, and sudden meter deflection coupled to an unknown coil, then you had a high Q part. A broad dip, for same coupling distance was a lower Q, (or a part with a resistor across the inductor.)

The low cost digital inductance meters that are out as kits or stand alone meters do not seem to offer this aspect of Q estimate that can be done with the analog meter of the grid dip oscillator.

Now, with the home made RF probe, or those nice Fluke bargains some have gotten, you could look at the RF voltage across an inductor, and see where the lower frequency and upper frequency points are that cause the peak voltage measurement at the center frequency of response to fall to 0.707 of peak voltage, or -3dB voltage of the center frequency voltage. Those three frequency measurements, plugged into the hand book formula will give you the Q of that circuit. Of course, the loaded Q, if you have other components hooked up in addition to the coil. I believe it is reasonable to couple to a coil alone using the grid dipper to induce a voltage in the coil. But this might only work with the true tube grid dip meters that had higher output than later solid state models. (Never expect to replace my Millen or Heath tube dippers).

Can anyone comment on their experiences with the solid state Heath "grid dip" meter? I believe that one used a tunnel diode oscillator circuit, and thus

was QRP. Could you use it to generate much RF voltage?

72, Stuart K5KVH
rohre@arlut.utexas.edu

Date: Sat, 04 Apr 1998 03:17:03 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [7536] Re: Think before you <quote
Message-ID: <3525a362.38157542@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 3 Apr 1998 15:12:27 -0500, Mel Evans =
<MelEvansGM6JAG@compuserve.com>
wrote:

>Hi guys,
>
>Regular monthly moan OBO the digesters!
>
>Please,please,please please guys, think before you quote entire messages
>verbatim simply to answer a query.

Agreed, over-quoting is a problem. Editing is the answer.

> The recipient of the answer knows what
>he asked you, and if the rest of us can't guess, we can go to the list
>archives to look it up if it's really important.

Disagree. I ask 15-20 questions per day on e-mail (not all on this list,
obviously). I need some quoting to follow different threads. I've =
received
e-mail saying:

"If you do that, you'll end up killing someone".

Trouble is, I have no clue as to the content of the message they are =
replying
to, because there is no quote. Nor do the readers (offline or otherwise)
appropriately handle threading and subject headers in all instances.

Plus, judicious quoting allows me to respond without re-summarizing your
argument, thus keeping my response more concise.

Understand, we are in basic agreement -- overquoting is a significant = issue.

But some amount of judicious quoting is healthy, and indeed, efficient.

>To be honest, I don't object to "test" messages in the least, they take = up

>a lot less space than do the unnecessary repeat of a complete A4 size = page

>just to add "I agree, and RS can supply coffee at \$1.50 here".

Unfortunately, with headers intact, every message takes up that kind of = space.

Period. In fact, combining messages where possible makes more sense = because

it reduces the "overhead" contained in the routing and header = information.

It's there, whether or not you see it, except in the digest mode. I'm = able,

because I use an offline reader, to have the mail downloaded and sorted = into

folders by criteria which I define. That saves me more time than = anything.

Plus, downloading 150K of messages vs. 100K of messages (assuming that we= save

1/3 the space) would cut a whopping 2-5 seconds from my download time. = I'd

suggest that "test" messages, and signatures beyond the acceptable "nettequitte" maximum of 4 lines, are bigger culprits than over-quoting.

But over-quoting remains an issue ... !

>Flame me if you like, I'm Scottish! (somebody has to be!)

My asbestos underwear is also on.

Marty Watt, KM7W (also half Scottish! Clan Buchannan and Clan Keith ...)
=46ranklin, TN

Date: Fri, 3 Apr 1998 22:19:50 EST
From: RangerSF5 <RangerSF5@aol.com>
To: DENNISMO@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [7537] Re: (no subject)
Message-ID: <50859a63.3525a6d8@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-03 19:54:23 EST, you write:

<< Subj: (no subject)
Date: 98-04-03 19:54:23 EST
From: DENNISMO@aol.com (DENNIS MO)
Sender: owner-qrp-l@Lehigh.EDU
Reply-to: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

Hi Gang -

>>

Just want to remind you that with AOL, you can type off line.
Why tie up the phone lines??
Also if you want there is a program called "POP UP" as soon as that screen
pops up it shoots it down.
AOL also has a keyword for their own version.
If you want it, let me know and I'll upload it to you
As for your mail getting lost, look at the bottom of the screen and click on
"save as new" after you read it.
You have 5 data bases and you can also upload your mail there and when you
want it, go to "my place" and download it.
Your best bet is to copy all your info to a disk and mark it.
Just my AOL .0001 cents worth
Bob
WA2HOQ

Date: Sat, 4 Apr 1998 03:21:49 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [7538] ELMER 101: 40+ #4 JUST ARRIVED!
Message-ID: <19980404032147.AAA26951@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

GOT HOME FROM AN ARDUOUS WEEK AND FOUND THE SMALL WONDER IN MY
MAILBOX. WHAT AN ANTIDOTE! BRIEF SCAN OF MANUAL, BOARD AND PARTS
INDICATE ALL ARE SUPERB. WAIT'LL YOU SEE THAT BOARD, GANG.

72 =S=

Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:

<http://www.danbury.org/org/cara/>

Date: Fri, 3 Apr 1998 19:22:50 -0800 (PST)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-1@Lehigh.EDU, dehager@ix.netcom.com
Subject: [7539] Re>Help - coax RG58 /U, 58 A/U or 58 C/U
Message-ID: <v01530502b14b8f0b41b4@[208.138.138.95]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dana,

I did a lot of that years ago. I came up with two ways. The first was to locate the tuner outside. In this case it was a simple L match and worked very well. The first one was built open style using the big air dux coil. Tuned it up and away I went, at least until Bennet the wonder dog discovered it and uncoiled the airdux all over the yard! The new and improver version put it into a wood box. I installed a switch to change bands via preadjusted taps and set vari caps.

On another installation I simple used the core of RG-8, shield stripped off as feed line and the stripped shield as ground lead in. Worked well.

Hope that helps

72

Mike WA6ARA

>I am planing on installing an end-fed antenna at the house I am renting.
>It will be 25 feet above the ground, connected to a rainbow tuner and
>about 46 feet long running NW / SE (from the house to a tree). I would
>like to run the feed line (50') from a room on the first floor in the
>front of the house to the attic in the rear of the house. Should I spend
>the extra money on RG58 C/U or will RG 58 A/U be sufficient. I have read
>all about the numbers but what about pratical QRP operating?

>

>Any help would be appreciated.

>

>Thanks,

>

>Dana E Hager

>Nazareth, PA

>dehager@ix.netcom.com

Date: Fri, 3 Apr 1998 21:53:33 -0600
From: ges@praxis.pcco.com (Glen Stockton K5UP)
To: qrp-1@Lehigh.EDU
Subject: [7540] FS unbuilt Heathkit device
Message-ID: <9804040353.AA20998@praxis.pcco.com>

Heath RCL bridge
Model IB-5281
Specs -
Resistance - 10 ohm to 10Mohm
Inductance - 10uh to 10H
Capacitance - 10pf to 10uf
Power - two 9v batteries or external PS
Size - approx 11X6X8
No specs on accuracy. This is an analog device in which
you null a meter and read X on a dial.

Not as small or as accurate as today's instruments, but might be
more fun. Obtained at local hamfest. I started to put this together
and thought maybe someone who has never built a Heathkit might
get a kick out of doing it. It appears to be complete, though the
box has been opened. Includes the IPA-5280-1 power supply. I
looked through old magazines but couldn't find the original price.
Suspect this was purchased about 1980. Will sell but prefer to
trade for something of interest. Make offer.

Glen E. Stockton K5UP
ges@ppco.com

Date: Fri, 3 Apr 1998 23:25:52 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [7541] N2Y Special Event Brooklyn QRP Club
Message-ID: <199804040426.XAA19912@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Please listen for N2Y, Special Event to "christen" the newly formed Brooklyn QRP Club, portable operations 4-5, 11-12 and 18 Apr, wx permitting approximately 1800-2200 UTC. (Our current club call is KC2DGH, a little tough on CW).

This is a small crew with Tony WW2W, Ed WA2HQA, Richie KG2MB, myself and a few more local hams. We have a lot of fun together throughout the spring and summer working portable QRP at the foot of the Verrazano Bridge in Brooklyn.

We'll hopefully have two stations on the air, working CW on 7.040 & 10.116 and SSB on 7.265 & 14.265. Looking forward to meeting you on the air.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Fri, 03 Apr 1998 23:00:37 -0600
From: peacemkr <peacemkr@wcc.net>
To: "antennas@qth.net" <antennas@qth.net>, "antennaware@contesting.com" <antennaware@contesting.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
"towertalk@contesting.com" <towertalk@contesting.com>
Cc: peacemkr <peacemkr@wcc.net>
Subject: [7542] Apartment Dweller 01
Message-ID: <3525BE75.B09030DC@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello folks,
Antenna questions from an apartment dweller:

The rendering below represents my physical limits.

- 1 The vertical lines are the 13' high ridge lines of 1 story apartment buildings. *<APEX @ 13'>*
- 2 The astric is the feed line in location.
I live in the NE corner apt. (in the South building)
- 3 Ladder line is not an option due to:
(electrical conduit/cable/Land Lines/etc. in attic access area) <just don't think I can maintain a clean feed run with the doorways and near by metal envolved>
- 4 @ the west end of the buildings there is the main

Pwr/Cable/LLine feeds to both buildings.

Present config is a closed loop running the ridge lines & crossing over between the 2 apartment buildings total of 302'

(don't ask) .. was a 287' 80m loop and added to .. to get lower in the 160m band wid TR-7 & MN-7)

50 ohm coax fed 4' then 10 turn 6" balun<choke> then about 38-40' to tuner.
Ground consist of 3.5' rod into West Tex rock 4' leadin to tuner

no tvi xmit problems 120w ssb /cw

bad rx problems mainly due to tvi horz osc. from other residents / sum pwr line qrn as well

NOW

Due to the need to fund fUnKle Sam's yearly tributes.. the TR7 & MN-7 are gone. <sigh>
Present rig is Atlas 215 and MFJ-752B (Audio Filter)
Tuner is homebrewed T tuner.
Ant Works ok on 40m & 80m ..< 1.3 or less - to 1 >
can't get it below 6 to 1 on 15m.
note: this is with the present home brew tuner ..

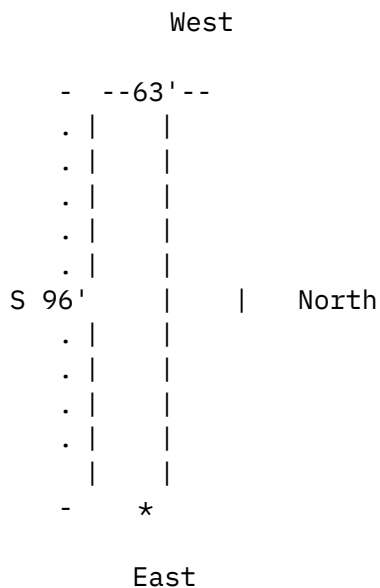
Goals:

- 1 Buy up coming K2 from Elecraft < <http://www.elecraft.com/> > yes that means QRP or possiably QRO=50w out
- 2 *SSB & CW* operations on 40/30/18/15/12/10m
- 3 main bands will b 40/30/18/10m
- 4 if it works on 80 .. kwel .. if not/no loss > thunderboomers
- 5 build/reconfigure .. whatever .. tuner as necessary ..
- 6 160m is THE band of choice but realistically .. I did gud to wk 1000 mi with 100w .. and it's spring now ..

Questions:

- 1 What is best length for loop? given the bands/physical limits for tx efficiency and tuneability
Rem: consider coax feed situation
Note: the addition of 45' to the overall loop which made <west> s/n leg 20' closer to the pwr end of the apt. complex .. made rx noise even worse.. most of it seems to b Horz TV osc ..

- like if u turn on ur tv in same room with rig ..
 changes when the text changes on the wx ch for example
 hav disconnected tv/cable from my apt slight improvement
 I hav contacted cable & pwr companys they both sa
 nothing is wrong with their systems .. duh ..
- 2 Diversity reception > MFJ-1026 < anyone used this unit?
 as they sa u can't wk em if u can't hear em....
 - 3 I hav a cpi of Eznec .. but really don't know how to use it
 if u configure an ant & send it I will try to look at it ..



Tnx fer the bandwidth an any input u may hav .. direct or thru
 the reflectors.

73's & GB
 de
 KA50AI
 QRP-L 1505
<http://www.wcc.net/~peacemkr>

 Date: Fri, 03 Apr 1998 23:22:53 -0600
 From: peacemkr <peacemkr@wcc.net>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [7543] RE:Apartment Dweller 01
Message-ID: <3525C3AD.66FCA355@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri folks for the multi posts .. was trying to send to other reflectors?
as well

Any feed bk as to how to keep this from happening .. other than sending
one at a time ?? >> what did I do wrong?

Date: Fri, 03 Apr 1998 22:29:41 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [7544] Bug Parts....
Message-ID: <3525D355.56846CFD@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Paul has asked me to find out how many of you would like him to make
them some weithts and Slo-Bug speed reducers.

No names. Just numbers.

He doesn't want to make 30 only to have 40 people want one!!

You are not ordering now. Just expresing an interest in buying one when
he gets them made. If there are enough people that want one!

Quoted from Paul....

1. Round Vibroplex weights (I only make the smallest or "standard"
size).

Available with a non-standard thumbscrew or no thumbscrew. \$5 with,
\$4
without.

2. A "Slo-Bug" speed reducer shaft extension w/weights for a round-shaft
Vibroplex.

Weights include non-standard thumbscrews. \$15.00 for the S-B & two weights.

3. Square Vibroplex weights. A modern thumbscrew & flatwasher of the same style as older ones is included. Price not determined at this time, but somewhere between \$7.00 and \$10.00.

4. A "Slo-Bug" speed reducer for flat-shaft bugs w/two removable weights.
\$15.00

Please note that *NOTHING* has been made at this point, and I expect that we're looking at a June/July time frame for all items to be available (maybe sooner but that depends on how much other sh** drops on me in the meantime).

Rest assured that I am not looking for iron-clad commitments to buy from anyone, I just want to know approximately how many people *might* be interested in each item. I will then purchase sufficient material and build for those quantities plus a few spares of each. What I don't want to have happen is for me to build, say, two dozen square weights and then have three dozen people instantly clamoring for one. Not only does it take a lot of time to make this stuff, the time lag on plating is 4-6 weeks so I'd rather make enough to meet current anticipated demand at one go.

And please, no individual "hogging" for future anticipated requirements. Anyone wanting 3, 4, or 5 of anything should look into making his/her own as I am *NOT* a manufacturing house. I'm really only doing this as a favor to bug owners/users like myself, and I think my prices reflect that.

No names will be taken, just numbers!

So, if you think you would like one, please let me know and I'll add up

the numbers and pass them to Paul.

Be sure to say which one (s) you want.

Thanks for the BW,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sat, 4 Apr 1998 00:57:18 -0700 (MST)
From: Paul Harden <na5n@rt66.com>
To: qrp-l@Lehigh.EDU
Subject: [7545] Re: 2N2222's (fwd) from Arnie Coro
Message-ID: <Pine.SUN.3.96.980404005259.23709A-1000000@mack.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

----- Forwarded message -----
Date: Fri, 3 Apr 98 23:35:50 EST
From: Radio Habana Cuba <radiohc@prela.prensa-latina.cu>
To: na5n@rt66.com
Subject: Error Condition Re: 2N2222's (fwd)
From: Radio Habana Cuba <radiohc@prela.prensa-latina.cu>
Subject: 2N2222's
To: QRP-L@Lehigh.EDU

NA5N provided me with a list of 2N2222 equivalents, so that we can participate in the NORCAL construction contest. There seems to be a russian transistor type KT315 that matches very well with the 2N2222 specifications. We use the KT315 here succesfully to build a cascode type amplifier, which works either as an RF amp at the front end, or as an IF amp in the 200 kHz to 10 mHz range. The circuit is very stable, easily reproduceable and a nice little receiver can be made using it .

Arnie

C02KK

I can be reached at :

arnie@radiohc.org

Date: Sat, 04 Apr 1998 03:11:28 EST
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [7546] Another Spectrum Analyzer/Scope Adapter
Message-ID: <19980404.002308.13287.4.KA7YOU@juno.com>

For those of you who might be interested, there is supposed to be an article about an inexpensive and buildable Spectrum Analyzer Scope Adapter in the April QEX.

I have not seen a copy, so I don't know for sure if it is there, but the author said it was to be published in the april issue.

Although designed independantly from the Steve Weber SA/SA, there are some very similar, but slightly more rigorous, design features, and should provide some enhanced performance.

If anyone has a copy of that issue, could you me know if it is in there.

7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 4 Apr 1998 07:18:57 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qsl.net, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [7547] notes on Yagi matches
Message-ID: <Pine.GS0.3.96.980404065917.4665F-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Several notes from very different source recently set up a theme question for me. The theme seemed to be something like this: I'll take less gain from my Yagi to be able to have a direct 50-ohm feed with no lossy matching network.

The question that emerged is this: just what are the basic, uneliminable losses of some of the sorts of common matching networks used to raise a lower Yagi feed impedance to 50 ohms? The question involves the electrical network principles, not the many ways in which we can poorly construct the matching section/system.

For many network types, calculations are possible (and simplified by some calculation aids readily available). I checked out Tee matches (which can be physically modeled with the antenna), beta matches (for which L-circuit analysis is available), and quarter wave matching sections (35-ohm RG82A/U is available). My question is not who is right and who is not--my effort was only to find out what the inherent network losses are. From that point forward, I assume that a builder will put as much effort into the physical design and construction of the network as he/she does into the antenna proper.

However, the results may be surprising, in light of the bad reputation matching networks have had from way back and from not having their numbers crunched. Although 50-ohm direct feed antennas have a good and proper niche in radio work, I would not myself give up antennas of higher gain just because their lower feedpoint impedances required a matching network.

The results of my little exercise are in the first entry under ATUs and Impedance Matching at the site: "Who's Afraid of a Little Matching?" Guess that gives away the surprise ending. . . . Hope the notes are useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	----	/	---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html							

Date: Sat, 04 Apr 1998 07:26:17 -0500
From: Greg & Rosemarie Gryckiewicz <rfg@acsu.buffalo.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [7548] (no subject)

Message-ID: <352626E9.72B7@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

qrp-l x fcc_n5to

Date: Sat, 04 Apr 1998 13:00:00
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [7549] Xtal Filter caps MFJ90xx/RadioKit QRPxx
Message-ID: <199804041401.IAA11842@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

OK Gurus:

Need your wisdom for this (Elmer 101) Question:

How is it that the caps specified in these ladder filters have the same value no matter what the frequency of operation is ? Since caps are frequency sensitive devices it would seem that the values should change for a change in frequency of operation.....

To refresh your memory, the filter is four crystals in series with five caps to ground from the end of each of the crystals. These five caps have the following values:
Middle cap: 560pf
End caps: 330pf
Other two caps: 460pf

The filter is transformer coupled on one end with a link, and resistance coupled on the other end with a 270 or 300 ohm resistor to ground.

The frequency of the crystals for the different bands is:
40 - 12mhz
30 - 6mhz
20 - 10mhz
17 - 16mhz
15 - 16mhz

What is the magic incantation that makes this all possible/correct???

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Sat, 4 Apr 1998 14:45:01 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <peacemkr@wcc.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [7550] Re: Apartment Dweller 01
Message-ID: <003001bd5fcf\$e0deaac0\$a342b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thot April fools day was three days ago!

Date: Sat, 04 Apr 1998 10:04:58 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [7551] OX3FV QRP
Message-ID: <35264C1A.3C21@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kim put up his new antenna, a 40M GP with an open feeder.
Worked him on 14.060 @ 1450Z--Zack W1VT

Date: Sat, 4 Apr 1998 10:04:20 -0500
From: Bill Marsh <k3as@dol.net>

To: Internet QRP-L Club List <qrp-l@Lehigh.EDU>
Subject: [7552] Free Xtals
Message-ID: <l03110702b14ba9f07b49@[204.183.91.117]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Old but probably still good, they worked 25 years ago.

Three are FT243 holders for 8070.0, 8078 and 8100 kcs. eighteenth harmonics fall in 2 meter band. One NE-6A marked 145.08.

I'll be glad to stick them in an envelope and send them to anybody who may want them. If I get more than one answer, I'll pick a name out of the hat.
72.

Bill K3AS

Date: Sat, 04 Apr 1998 15:53:18 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [7553] Re: Jack, KB1CW
Message-ID: <35275659.83979506@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sat, 04 Apr 1998 01:46:41 -0500, "John R. Doherty"
<"jdoherty@jdoherty"@snet.net> wrote:

>Sorry for delay in replying.

Sorry for the bandwidth, everyone.

Jack, I've replied privately, but you didn't indicate if you recieved my =
other
private posts or not. It seems my attempts to reply directly to you =
aren't
working ...

I've forwarded my address to you privately. If you don't recieve it, I'm=
good
in the on-line callbook servers, and you can send the check to the =

address
listed there.

Just make sure it goes to the Franklin, TN address. The other address is=
my
parents, and can add some delay to the process ...

Date: Sat, 04 Apr 1998 15:49:42 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [7554] Foxhunt Comments de KA8OKH
Message-ID: <3.0.16.19980404102402.2f9751cc@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all the fox hunters who listened up for my signals
Nov 27 and Dec 23 1997. It was a lot of fun. And a big thanks
to the other foxes who stuck it out in all kinds of condx to
provide us with all those qso's.

I increased my code speed, improved my listening skills, and
it forced me to evaluate and re-evaluate my antennas. I can
zero-beat stations faster. I know where the Russian beacons are,
and how to use them to determine 40m conditions. I learned to listen
"through" static. I discovered how to apply noise cancelling techniques
to increase s/n.

QSL's to all next week. 73...

Rich

Date: Sat, 04 Apr 1998 19:06:59 +0200 (EET)
From: "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
To: qrp-1@Lehigh.EDU
Subject: [7555] 'Cobra' antenna?
Message-ID: <01IVHDCI2N5M99F8C7@vyh21.vyh.fi>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

I want to get out on 10 m from our apartment dwelling to chase the pirates away with my QRP CW sig from a GM-10, hi. We have a reinforced concrete balcony of 1,5 m wide and 1,2 m deep. The height to the next balcony above ours is 2,7 m. There is a railing and corrugated iron around the edge to keep us from falling down 5 floors.

I'm planning to make a 'Cobra' antenna, which I found in an antenna book by Bill Orr (?). It is a quarter wave wire connected to the center conductor of a coaxial cable, which has a choke at a quarter wave from the end. So effectively the Cobra antenna is an end fed half wave dipole.

I intend to use RG-58c/u and make the choke with 33 ferrite beads FB77-6301 which fit nicely on the cable. When the antenna is hung vertically the wire part would just about reach from our balcony floor to the next balcony and the cable part with the choke would have to lay on the balcony and partially inside the adjacent room.

What do you think? Anybody have any experience with this kind of antenna setup? Anything I should remember or avoid?

Would it be a good idea to hang it upside down to get the radiating part away from the metal railing and corrugated iron?

A possible alternative would be a short 'mobile' whip on the railing, but it would be quite a bit more expensive and possibly not any better, although easier to set up.

73, oh2zaz

Arjen Raateland

Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
.-.-. -.-

Date: Sat, 04 Apr 1998 16:13:57 -0400
From: Bill Meara <wmeara@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [7556] Slanted X-Beam Ant?
Message-ID: <199804041614.LAA14458@smtp1.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I've been studying the tree branches in my back yard and have found one that appears to be conveniently located for a 20 meter dipole. I want to go a step further, however, and am looking at plans for the "Slanted X-Beam" in Dave Ingram, K4TWJ's QRP Book. Very interesting antenna. Essentially two inverted Vs with a common feed point. Only one support point required. You can change the pattern of the antenna via a switching arrangement at the apex. One of the V's is the Driven element the other is the reflector.

Anyone ever tried this? Any words of wisdom? Sounds like a very easy way to get at least some directivity.

73 Bill N2CQR
73 de N2CQR
Bill Meara, Falls Church, Virginia
wmeara@erols.com G-QRP #7965
<http://www.mindspring.com/~johnmb/billm.htm>

Date: Sat, 4 Apr 1998 12:13:37 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU
Subject: [7557] 85 RF Probe Test
Message-ID: <199804041218_MC2-38F8-6830@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

If anyone is interested,

I have been comparing power measurements on my Sierra taken with the 85 RF probe (and Fluke 77) vs. an HP-1707B 75 MHz scope (and 60 MHz probe) vs. WM-1 vs. KC-2.

Initially I was perplexed by a difference of up to 0.4w difference btwn the RF probe and scope. I believe it was due to a difference of the load presented to the Sierra when switching between measurement devices.

I solved this by connecting both the RF probe and the scope probe at the same time. The scope probe is clipped to the center conductor of the bnc jack inside the Sierra, a tee connector splits the output between the WM-1/50 ohm dummy load and the RF probe. The KC-2 was aligned to display the same reading as the WM-1 on 40M and it will not adjust any higher unless I change a resistor as per the KC-2 manual.

I used the fol formulas to convert the measurements to watts:

- scope measured $V_{p-p}/2 * 0.707 = V_{rms}$
- RF probe displays results as V_{rms}
- $V_{rms} * V_{rms}/50 = \text{power in watts}$

If I have this wrong somebody tell me.

Results in watts :

Band	Scope	85-RF	WM-1	KC-2
15M	2.22	2.34	1.7	1.9
20M	3.24	3.44	3.0	3.0
30M	3.24	3.37	3.0	3.1
40M	3.57	3.61	3.3	3.3
80M	2.84	2.93	2.7	2.7

So what to make of my unscientific measurements? I am pleased to see that the RF probe and scope are pretty close, especially since it is difficult to tell the difference between 36v and 37v p-p on the scope. Just to experiment I removed the scope probe and quickly measured again, the RF probe would measure an additional 0.1 watt or so.

I realigned the WM-1 prior to the test but I do not know why it reads so much lower on 15M.

An el cheapo Elenco M-1700 multimeter displayed identical measurements as the Fluke 77, so anyone who is worried abt accuracy should feel ok if the meter has a 10 Mohm input impedance.

It is so nice to have test equipment. I had posted to the list before abt possibly getting a GDO or SWR analyzer and have talked the ham club into purchasing the MFJ-259 which I have borrowed (it came in very handy when testing the new coil for my SLV) :-).

I also found an incredible deal on a Heathkit / Zenith 175 Mhz counter which has helped me identify a bad crystal in the 20M module and a bad trimmer cap in the 30M module. I have also trimmed the crystal in the modules so they all line up on freq and the KC-2 is consistent band to band.

Cool!

72/73's,

--Rick, KE4IZH

QRP-L # 493
 72507.235@compuserve.com
 Chesapeake, Va.
 MP2.1K

 Date: Sat, 04 Apr 1998 12:39:54 EST

From: n5duq@juno.com (Burl A. Keeton)
To: qrp-1@Lehigh.EDU
Subject: [7558] FS: Kenwood TS-130 V
Message-ID: <19980404.113342.7775.4.n5duq@juno.com>

For Sale: One of the "rare" Kenwood TS-130 "V". Very few of these QRP version (10 Watts out or less) of the TS130 S made it from Japan to the US.

It works good, front panel in good shape, it does have some scratches on the case. No dents, just scratches.

I comes with the power cord, original manual, original hand mike, copy of service manual, and the orginial "inside" carton with a TS-130 S out side carton..

Price: best offer over \$450.00 plus \$10.00 toward the shipping and insurance.

Reason for selling it: I need money to buy something else, like Dave's SW40+ and the Elmer 101 program. Plus the hamfest are starting and I need "gas and entrance money".
Also just bought a nice TT 509 and don't use 130 V anymore.

Burl Keeton N5DUQ Okla. City, OK.
email: n5duq@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 04 Apr 1998 11:05:08 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7559] Spirit rig
Message-ID: <35267654.5B7A@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, I deleted your message before I answered you. Sorry, but the finger is quicker than the eye!!

The Spirit is a superhet rig that covers the lower 100kc of the 40 meter band. It can be adjusted to the novice bands easily. Has a very sharp filter, and nice solid rig. Only thing it's fairly big, measuring 4x6x8 and is not really backpackable. I might consider the trade for the Explorer 11.

Get back to me when you can. 72, Tom WB5QYT

Date: Sat, 4 Apr 1998 12:38:09 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@Lehigh.EDU>
Subject: [7560] 'scope manual
Message-ID: <Pine.SOL.3.91.980404123436.29345B-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm looking for a manual for a B&K 'scope, Model 1535A 35 mHz...will pay for copying costs, shipping, etc.....72 - Bruce(VE5RC)

e-mail: rattray@gpfn.sk.ca

Date: Sat, 04 Apr 1998 12:47:08 -0600
From: "edwin a. crowell" <w5twr@rconnect.com>
To: lewise@inetport.com
Cc: qrp-1@Lehigh.EDU
Subject: [7561] Re: Xtal Filter caps MFJ90xx/RadioKit QRPxx
Message-ID: <3.0.32.19980404124630.00c71890@rconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

greetings larry, the caps you refer to in the ladder filter are not used to tune the filter (change the frequency). they are used to cancel out the inductive reactance of the crystals themselves. for a complete explanation see paul, na5n's book, the electronic data book for homebrewers and qrpers. since xl of the xtals are similar, the caps are usually 200-500 pf in these filters. hope this helps. 73, ed

At 01:00 PM 4/4/98, you wrote:

>OK Gurus:

>

>Need your wisdom for this (Elmer 101) Question:

>
>How is it that the caps specified in these ladder filters have the same
value no matter what the
>frequency of operation is ? Since caps are frequency sensitive devices it
would seem that the
>values should change for a change in frequency of operation.....
>
>Larry KA5T
>
>Georgetown, Texas
>lewise@inetport.com
>
>
>
>

Date: Sat, 4 Apr 1998 14:08:17 EST
From: RangerSF5 <RangerSF5@aol.com>
To: njqrp@njqro.org, qrp-1@Lehigh.EDU, for.sale-swap@qth.net
Subject: [7562] Radio Shack Speaker Mic
Message-ID: <6553f77.35268522@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I just returned from the local RS store and picked up a speaker mic on sale
for \$9.97.
When the girl scanned the card she told me they are on sale for \$2.97
So if you need a speaker mic, get them while they still have them
Bob
WA2HOQ

Date: Sat, 4 Apr 1998 13:30:37 -0600
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: <qrp-1@Lehigh.EDU>
Subject: [7563] 30meter activity
Message-ID: <199804041929.NAA25849@georgetown.igg-tx.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, I woke up WAY too early for a Saturday - about 4:30AM CST and

remembered the invitation to try to link up with JA QRPers below 10.120. I'm fairly new to QRP and really new to 30m - this was my first morning to try it. At first, no JA's heard but did hear ZL2UW. Beat out on the first half dozen tries then I got him! Wow - another QRP country for me!!! Then I heard JN2QYN very faintly - on a bet (hope) that he was QRP, gave him a call and he came right back - gave him a 539 and got a 359 - there's symetry in there somewhere!!! Not sure if he was QRP but would bet he was. Not a new QRP country (now have worked JA on 10, 20 and 30) but pretty cool non-the-less. Rig was a Sierra running a couple of watts to a dipole up about 65 feet. What fun!!!

Speaking of the Sierra, I've been having a bit of a raspy signal and proved that it was only present with the KC2 hooked up... Moving the wire around affected the raspiness but was never perfect. Looking at the circuit, it looked well buffered on the KC2 so I tried replacing the wire with RG-174 on the theory that the wire was acting like an antenna modulating the VFO - now sounds great... Don't know if anyone else has seen this but you might give it a try...

Tom Whiteside
Admiral in the Texas Navy, Retired
Amateur Radio Operator N5TW
Georgetown, TX

Date: Sat, 4 Apr 1998 14:53:45 EST
From: RangerSF5 <RangerSF5@aol.com>
To: njqrp@njqrp.org, qrp-1@Lehigh.EDU
Subject: [7564] RS speaker mic
Message-ID: <18c2766e.35268fcb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

THE RS SPEAKER MIC PART NUMBER IS
19-310
BOB
WA2HOQ

Date: Sat, 4 Apr 1998 15:31:19 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [7565] tks info AADE

Message-ID: <19980404.153119.9966.2.dave_epps@juno.com>

Found them. Tks for the url.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 4 Apr 1998 18:55:23 EST
From: B1ljohn <B1ljohn@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [7566] 38S Output tank
Message-ID: <bc40b8a.3526c86d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have been trying to get the output circuit of my 38 S to stabilize. For the heck of it, I hooked the MFJ 259 analyzer into the output tank, pwr off, of course, and found that the circuit has a 50 ohm tune at approx 13.500 mhz. I would have assumed the output circuit needs to resonate at 10.1 mhz is that correct?

Bill
K9yeq

Date: Sat, 4 Apr 1998 18:56:15 -0500
From: Dan Dobson <ddobson@iei.net>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [7567] Ten Tec Kits
Message-ID: <01BD5FFB.7584A820@dip034.tc1.iei.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Quick question- Has anyone had any experience with the Ten Tec 2 meter =
kit? I know, its not QRP and it is 2 meters (aaghh!), but I think it =
would be a fun kit to make and use! I've not built anything from =
TenTec, but assume that whatever they put out will be top notch!

Thanks, Dan KG9KF

End of QRP-L Digest 1050
